

TSR-1 Series

1 Amp Single Output DC/DC Converters

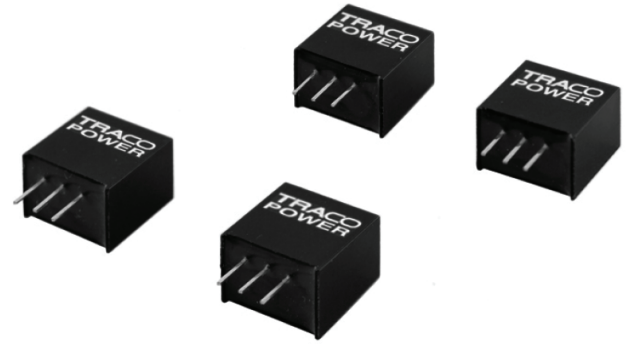
TRACOPOWER

Through Hole DC/DC Converter

Singles: 0.45 x 0.40 x 0.30"

Features:

- High performance switching regulator
- High Efficiency up to 96 %
- No Heatsink required
- Low standby current
- Ultra-Wide input voltage range
- Output from 1.5 to 15 VDC
- Pin compatible with LM78xx linear regulator
- Short circuit protection
- Low output ripple & noise



Specifications:

Isolation	Non-Isolated
Operating Temperature	-40 ~ +85°C (derate 2.4% per °C above 60°C)
Storage Temperature	-40 °C to to to +85 °C, above 60 °C derating 2.4 %/K
Set-Point Accuracy	±3%
Ripple / Noise	<50mV for up to 6.5 Vout / <75mV pk-pk for >6.5 Vout models
Regulation	Line ±0.2% / 0.4% Load maximum
Voltage Adjust Range	Fixed
OverCurrent Protection	continuous short circuit protection, automatic recovery
Status & Control	n/a
Weight	Singles = 1.2g / Duals = 1.5g
Options	Optional Tape & Reel Packaging
Emissions	Internal Capacitor
Safety Standards	n/a



Models	Input	Output
TSR1-2415	4.75-32	1.5V 1000mA
TSR1-2418	4.75-32	1.8V 1000mA
TSR1-2425	4.75-32	2.5V 1000mA
TSR1-2433	5.5-32	3.3V 1000mA
TSR1-2450	6.5-32	5.0 1000mA
TSR1-2465	9.0-32	6.5 1000mA
TSR1-2490	12.0-32	9.0 1000mA
TSR1-24120	15.0-32	12 1000mA
TSR1-24150	18.0-32	15 1000mA

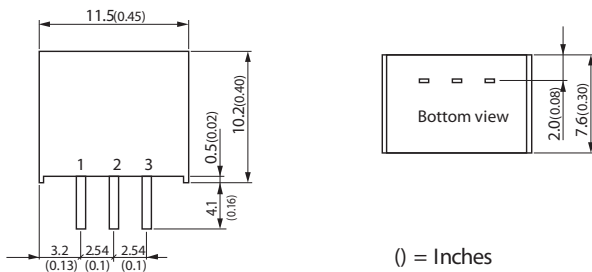
Download Information:

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Detailed Specification:
<http://www.tracopower.com/products/tsr1.pdf>

Mechanical Specification:

Specifications are subject to change without notice. If RoHS compliant products are required, please specify clearly on your Purchase Order



Pin	
1	+Vin (Vcc)
2	GND
3	+Vout